

Nominal Operating Power 110mW Max. applied voltage (at 20°C 68°F) 120%V of nominal voltage Min. switching capacity (reference value) 1mA 5V DC Clearance: Min. 5.29mm .208inch Creepage distance: Min. 5.35mm .211inch Insulation distance (Between contact and Min.1,000M (at 500V DC) Measurement at same location as "Breakdown voltage" Insulation resistance (Initial) Breakdown voltage (Between open 1,000 Vrms for 1 min. (Detection current: 10mA) contact) (Initial) Breakdown voltage (Between contact and coil) (Initial) 3,000 Vrms for 1 min. (Detection current: 10mA) Surge breakdown voltage (Between 6.000 V contact and coil) (Initial) Operate time (at 20°C 68°F) Max.10ms (at Nominal coil voltage, excluding contact bounce time) (Initial) Max.5ms (at Nominal coil voltage, excluding contact bounce time) (without diode) Release time (at 20°C 68°F) Shock resistance (Functional) Min. 147m/s^2 (Half-wave pulse of sine wave: 11ms; detection time: $10 \mu \text{s.}$) Shock resistance (Destructive) Min. 980 m/s2 (Half-wave pulse of sine wave: 6ms.) Vibration resistance (Functional) 10 to 55 Hz at double amplitude of 2.5mm (Detection time: 10µs.) Vibration resistance (Destructive) 10 to 55 Hz at double amplitude of 3.5mm Expected life (Mechanical) Min.2x107 (at 180 times/min) Min. 10^5 (3A 250V AC, 30V DC, resistive load) Min. $5x10^4$ (5A 250V AC, 30V DC, resistive load) (at 20 times/min) Operating frequency of 5A 250V AC is 6 times/min. (ON : OFF = 1 s : 9 s) Expected life (Electrical) Ambient temperature: -40°C to 90°C -40°F to 194°F; Humidity: 5 to 85% R.H. (Not freezing and condensing at low temperature) Conditions 20 times/min. (at nominal switching capacity) Operating frequency of 5A 250V AC is 6 times/min. (ON : OFF = 1 s : 9 s) Max. operating speed Unit weight Approx. 3q 15 oz Operating function Single Side Stable Type Dimensions A List of Part Numbers in This Series Information on Compliance with Standards Accessories (Option) Return to top

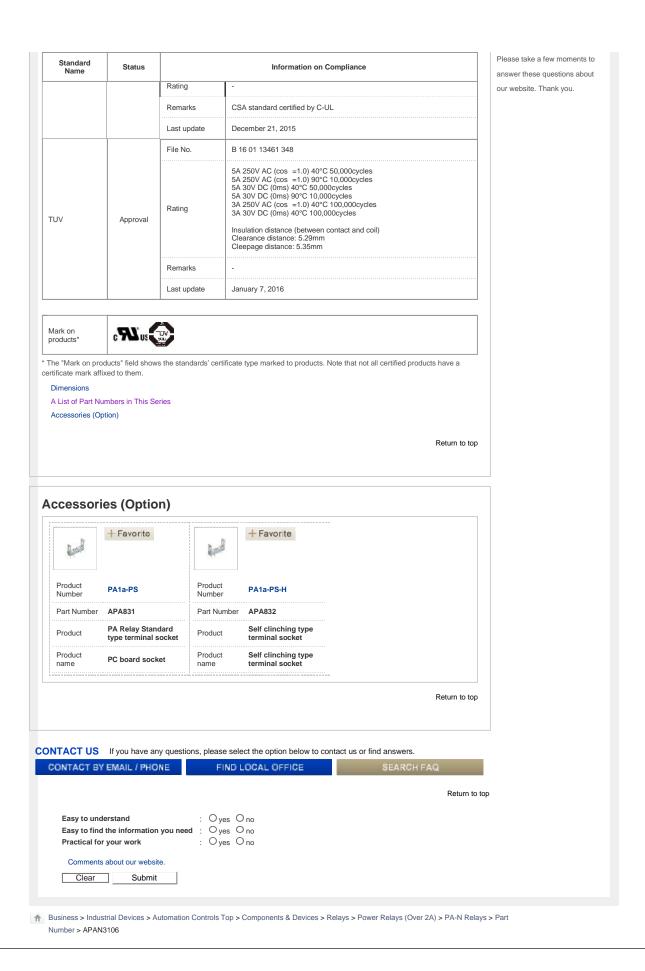
Information on Compliance with Standards

Standard Name	Status Approval	Information on Compliance	
		File No.	E43149
		Rating	5A 250V AC Resistive 40°C 50,000cycles 5A 250V AC Resistive 90°C 10,000cycles 5A 30V DC General use 40°C 50,000cycles 5A 30V DC 3A 250V AC General use 90°C 10,000cycles 3A 250V AC Resistive 40°C 100,000cycles 3A 30V DC General use 40°C 100,000cycles B300, R300 Pilot Duty 40°C 6,000cycles Insulation distance(between contact and coil) Clearance distance:5.29mm Cleepage distance:5.35mm
		Remarks	E479891 Class I, Division2, Groups A, B, C, D Hazardous Location (ANSI/ISA 12.12.01-2015, CAN/CSA C22.2 No.213-15)
		Last update	December 21, 2015
CSA	N/A	File No.	-

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Terminal Solutions IT Solutions Recording Media

Industrial Global Home capacitors Sensors Batteries Electronic Materials resistors Thermal Management Solutions

EMC Components, Circuit Protection Factory Automation, Welding Machines Inductors (Coils) Input Devices

Industrial Devices, Recording Media Motors, Compressors Custom & Module Devices Materials Semiconductors

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